

Welded
3/4" ϕ x 2" long
threaded stud.

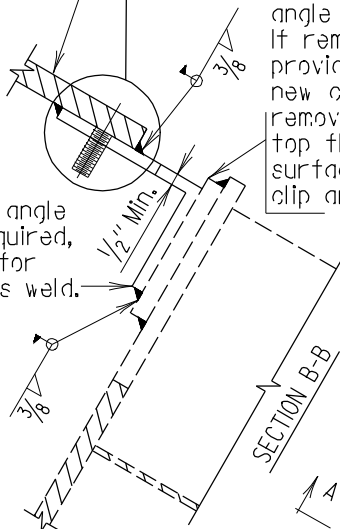
Note:
Nut and washer
not shown.

15/16" vertical slot in
clip angle for 3/4" ϕ stud bolt.

Vertical leg of
joint angle.

Burn off vertical leg of existing clip
angle on this line and grind flush.
If remaining leg of angle does not
provide a full bearing surface for
new clip angle then completely
remove existing clip angle and grind
top flange to provide a proper
surface to receive new weld and
clip angle.

Burn off angle
leg if required,
to allow for
continuous weld.



SECTION B-B

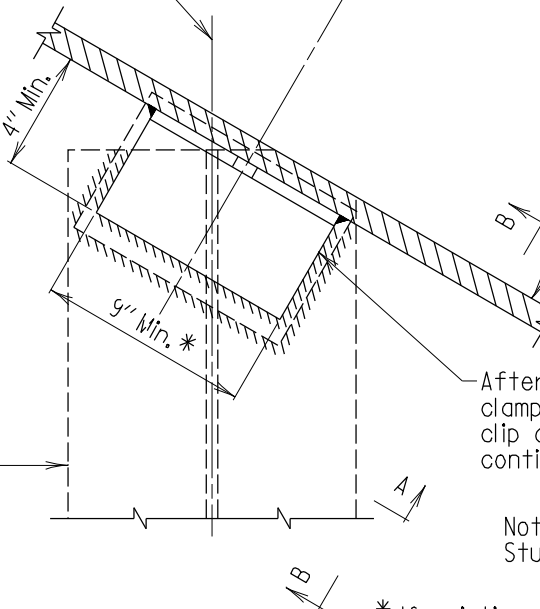
After dam has been set and
bolted into final position, weld
clip angle to joint angle with 3/8"
continuous fillet weld.

Vertical leg of
joint angle.

SECTION A-A

1/2" clip angle
size as
required.

ϕ Stringer



Existing Stringer

Vertical leg of
joint angle.

After dam has been set and
clamped into final position, weld
clip angle to beam with 3/8"
continuous fillet weld.

Note:
Studs not shown in PLAN.

PLAN

Scale: 1/2" = 1'-0"

* If existing clip angle is exactly this
dimension or less, then new clip
angle along this edge is to be
beveled at contact surface so
that a proper weld can be provided.

Note:
Existing members shown dashed.

APPROVAL	
<i>E.S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 4/12/78	
REVISIONS	
SHA	FHWA
2-23-93	.
2-17-94	.
5-24-01	.
7-24-01	.

FHWA APPROVAL
DATE: 10-17-78

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

ROADWAY JOINT - CLIP ANGLE DETAIL
DECK REPLACEMENT - EXISTING STRINGER

STANDARD NO. BR-SS(8.06)-78-72

SHEET 1 OF 1

SUPERSTRUCTURE-STEEL